

Abstract of the Disclosure:

The present invention provides for a method of network acquisition for a
5 cellular radio communications device arranged to operate on a plurality of radio
technologies and comprising determining the most suitable cell based on a
characteristic of signals received from a plurality of cells, the signals from each
cell being provided over a band of frequencies, and the method being arranged
for taking a series of measurements of the said characteristic for one radio
10 technology and for each frequency, wherein prior to the final measurement in
the said series, the said characteristic of at least one measured signal for each
frequency is compared with a predetermined value and if the comparison
indicates that the radio technology is unlikely to produce a suitable cell, the step
of switching to an alternative radio technology prior to the said final
15 measurement in the series being taken and searching signals associated with
the alternative radio technology to search for a suitable cell.